



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

SOUTH DAKOTA, West

Perkins County

Meadow	04	1640MST 1650MST			0	0	10K	10K	Hail (1.00)
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Large hail destroyed crops, injured cattle and broke windows in and around Meadow. Hail accumulated up to 10 inches and forced the temporary closure of highway 73 near Meadow.

Meade County 10 SW Maurine

10 SW Maurine	04	1653MST 1655MST			0	0	2K		Hail (1.50)
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Damage reported to windows, several cars and some crop damage to unknown extent across northern Meade County.

Ziebach County Dupree

Dupree	04	1850MST 1853MST			0	0	10K	20K	Hail (1.75)
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Large hail combined with gusty winds caused damage in the Dupree area of Ziebach County. Windows were broken, crops heavily damaged, and several cars were damaged.

Pennington County 5 S Rapid City

5 S Rapid City	05	1451MST 1453MST			0	0			Hail (1.50)
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Pennington County 6 S Rapid City

6 S Rapid City	11	1524MST			0	0			Hail (0.75)
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Pennington County Rapid City

Rapid City	11	1600MST 1617MST			0	0			Hail (0.75)
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Pennington County 7 SW Rapid City

7 SW Rapid City	11	1609MST 1610MST			0	0			Hail (1.25)
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Pennington County 8 S Rapid City

8 S Rapid City	11	1630MST 1633MST			0	0			Hail (1.75)
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Custer County 3 S Hermosa

3 S Hermosa	11	1710MST 1715MST			0	0			Hail (1.75)
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Pennington County Keystone

Keystone	11	1725MST 1727MST			0	0			Hail (1.50)
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Pennington County 7 S Rapid City

7 S Rapid City	11	1730MST 1830MST			0	0			Heavy Rain
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3 inches of rain fell in one hour South of Rapid City. Standing water on roads was reported.

Pennington County 17 W Rapid City

17 W Rapid City	13	1330MST 1335MST			0	0			Hail (1.75)
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Just north of intersection of Hghways 385 and 44.

Pennington County 12 W Rapid City

12 W Rapid City	13	1335MST 1340MST			0	0			Hail (1.75)
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Spotter report from Johnson Siding

Pennington County Placerville

Placerville	13	1335MST 1340MST			0	5	1K		Hail (1.75)
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Several car windows broken at a campground near Placerville. Several hikers at Placerville received minor injuries from hail.

Pennington County Hisega

Hisega	13	1340MST			0	0			Hail (1.25)
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Killed Injured Property Crops									
<u>SOUTH DAKOTA, West</u>									
Pennington County 18 W Rapid City	13	1340MST 1345MST			0	0	0.50K		Hail (1.75)
Golfball size hail was reported at Pactola Lake. Minor damage to cars occurred nearby.									
Pennington County 12 W Rapid City	13	1345MST 1350MST			0	0			Hail (2.00)
2 inch hail at Johnson Siding.									
Pennington County Hisega	13	1354MST 1358MST			0	0	1K		Hail (2.00)
Hail caused damage to trees and several cars.									
Pennington County 10 W Rapid City	13	1409MST			0	0			Hail (0.75)
Highway 44 near Thunderhead Falls.									
Pennington County Rockerville	13	1445MST 1450MST			0	0			Hail (1.00)
Pennington County 2 SW Rockerville	13	1445MST 1450MST			0	0	5K		Hail (2.50)
Several cars damaged.									
Pennington County 2 N Keystone	13	1517MST 1520MST			0	0	2K		Hail (3.00)
Several vehicles damaged in Keystone and at Mt. Rushmore.									
Pennington County Hayward	13	1537MST			0	0			Hail (1.50)
Jackson County Interior	13	1640MST 1720MST			0	0	1.5K		Hail (2.50)
Tennis ball size hail fell at Interior for 40 minutes causing damage to several vehicles and camping trailers.									
Pennington County 2 E Hill City	13	1700MST 1710MST			0	0			Hail (1.75)
Pennington County Keystone	13	1702MST 1705MST			0	0			Hail (1.75)
Meade County Tilford	14	1300MST 1303MST			0	0			Hail (1.75)
1.75 inch hail fell between mile markers 37 and 40 along Interstate 90.									
Meade County 10 E Sturgis to 30 E Sturgis	14	1800MST 2300MST			0	0	250K	10K	Flash Flood
Torrential downpours from a nearly stationary thunderstorm dumped more than 5 inches, and locally as much as 10 inches of rain between Sturgis and Hereford from 1600-1900 MST. Flooding mostly affected locations along Alkali Creek. Several spotter rain gauge reports were unavailble because the gages were washed away. The road from Sturgis to Hereford was washed out. Severe damage occurred to numerous fences, corrals, farm equipment, automobiles and homes. Several livestock were swept away, but most were later recovered. Hay fields received extensive damage. No injuries or fatalities are known to have occurred.									



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SOUTH DAKOTA, West

Lawrence County

Lead	14	1800MST 1815MST			0	0	0	0	Flash Flood
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Nearly 3 inches of rain fell in 15 minutes causing widespread street flooding.

Lawrence County

Deadwood	14	1800MST 2100MST			0	0			Flash Flood
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3.5 inches of rain caused flooding and closure of numerous roads including U.S. Highway 85.

Harding County

Ludlow	14	1810MST			0	0	0	0	Hail (0.75)
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Pennington County

Rapid City	14	1857MST			0	0	0	0	Thunderstorm Wind (G50)
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58 mph microburst wind in west Rapid City.

Pennington County

Rapid City Arpt	14	1900MST 1915MST			0	0	0	0	Thunderstorm Wind (G50)
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Squall persisting over 10 minutes with gusts to 58 mph.

Pennington County

Rapid City	17	2000MST			0	0			Thunderstorm Wind (G53)
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Lawrence County

5 W Spearfish	18	2349MST 2355MST			0	0			Hail (1.00)
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Pennington County

Rapid City	19	0105MST 0108MST			0	0			Hail (1.00)
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1.00 inch hail at the NWS office in Rapid City.

Pennington County

Boxelder	19	0114MST 0118MST			0	0			Hail (0.75)
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Pennington County

(Rap)Rapid City Arpt	19	0116MST 0120MST			0	0			Hail (1.00)
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Haakon County

6 N Kirley	19	0315MST			0	0			Hail (1.00)
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Custer County

10 SW Custer	20	1920MST			0	0			Hail (1.75)
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Custer County

5 S Hermosa	22	1740MST 1800MST			0	0			Hail (0.25)
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Hail accumulated to 3 inches along Highway 79.

Harding County

Buffalo	28	1829MST			0	0			Thunderstorm Wind (G60)
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Pennington County

10 S Wall	30	1520MST			0	0			Thunderstorm Wind (G150)
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WYOMING, Northeast

Crook County

Devils Tower	14	1600MST			0	0			Hail (1.25)
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Campbell County

Gillette	14	1900MST 2100MST			0	0			Urban/Sml Stream Fld
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Minor flooding and brief closure of several streets in Gillette.



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<u>WYOMING, Northeast</u>									
Campbell County									
Gillette	14	1927MST 1930MST			0	0	0	0	Hail (0.75)
Crook County									
8 SW Sundance	18 19	2340MST 0000MST			0	0			Hail (1.75)
									Hail accumulated 3 inches and remained on ground 12 hours.
Weston County									
5 E Newcastle	20	1900MST			0	0			Hail (1.75)
Weston County									
10 SW Clareton	22	1410MST			0	0	0.50K		Hail (1.00)
									Spotter reported broken windows from large hail and wind.
Weston County									
Clareton	22	1510MST 1530MST			0	0			Funnel Cloud
									Several funnel cloud reports were received from spotters in Clareton.
Weston County									
Clareton	22	1515MST			0	0			Hail (2.00)
									Spotter report of 2.00 inch hail.
Campbell County									
5 N Recluse	22	1515MST	0.1	20	0	0			Tornado (F0)
									Brief tornado was reported by spotter.
Crook County									
Moorcroft	28	1735MST 1740MST			0	0			Hail (1.75)
Crook County									
3 SW Sundance	28	1817MST			0	0			Thunderstorm Wind (G60)
Crook County									
Sundance	28	1820MST			0	0			Thunderstorm Wind (G70)
Crook County									
Sundance	28	1829MST 1833MST			0	0			Hail (1.75)